

What is claimed is:

1. A managing apparatus for managing data
necessary for providing a content, comprising:
reserving means for reserving a delivery
5 resource for each content;

storing means for storing reserved delivery
resource assignment information; and

transmitting means for transmitting the
reserved delivery resource assignment information.

10 2. A managing apparatus for managing data
necessary for providing a content, comprising:
content list displaying means for displaying
a list of contents that can be provided;

reservation state displaying means for
15 displaying a reservation state of a delivery resource;

content selecting means for selecting a
content to which a resource is assigned; and

operating means for assigning a delivery
resource to the selected content.

20 3. The managing apparatus as set forth in claim
1 or 2, further comprising:

transmitting means for transmitting a content
corresponding to a reserved delivery resource.

4. The managing apparatus as set forth in claim
25 1 or 2, further comprising:

automatic designating means for automatically
designating a delivery resource,

wherein an automatically designated delivery resource is operated.

5. The managing apparatus as set forth in claim 1 or 2,

5 wherein a delivery resource is assigned corresponding to a convenience of a content provider.

6. The managing apparatus as set forth in claim 1 or 2, further comprising:

10 converting means for converting the format of each content corresponding to a reserved delivery resource.

7. The managing apparatus as set forth in claim 1 or 2,

15 wherein a transmission resource is reserved for each content, the transmission resource being composed of a limited transmission band and transmission time, and

wherein each content is transmitted corresponding to the reserved information.

20 8. The managing apparatus as set forth in claim 1 or 2,

wherein a delivery resource is assigned in such a manner that a plurality of transmission paths are selected.

25 9. The managing apparatus as set forth in claim 1 or 2,

wherein a transmission resource is reserved

for each content, the transmission resource being
composed of a limited transmission band and
transmission time, and

wherein each content is stored corresponding
to the reserved information.

10. The managing apparatus as set forth in claim
1 or 2,

wherein a reservation state can be browsed
from one or more distributed environments.

11. The managing apparatus as set forth in claim
1 or 2,

wherein a delivery resource can be reserved
from one or more distributed environments.

12. A managing method for managing data necessary
for providing a content, comprising the steps of:

reserving a delivery resource for each
content;

storing reserved delivery resource assignment
information; and

transmitting the reserved delivery resource
assignment information.

13. A managing method for managing data necessary
for providing a content, comprising the steps of:

displaying a list of contents that can be
provided;

displaying a reservation state of a delivery
resource;

selecting a content to which a resource is
assigned; and
assigning a delivery resource to the selected
content.